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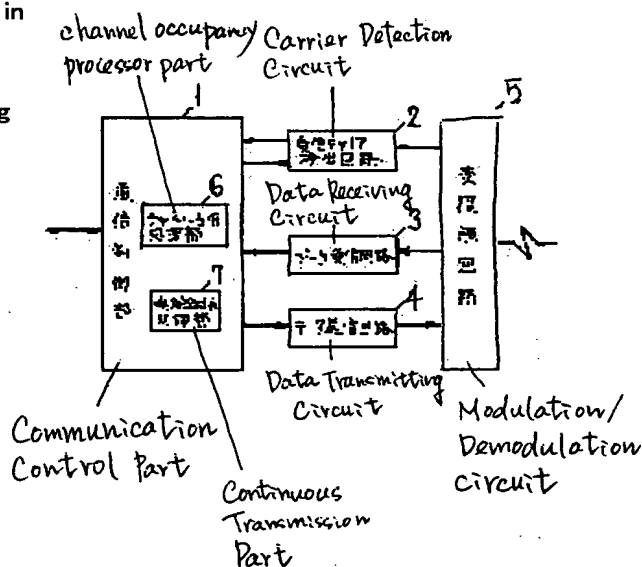
SHIMAZU MIKIO

(54) METHOD AND EQUIPMENT FOR CONTINUOUS TRANSMISSION OF CSMA/CA SYSTEM

(57)Abstract:

PURPOSE: To continuously transmit a packet in a state that a channel is occupied by transmitting a dummy packet in the case an interval till the next packet transmission exceeds a prescribed time in the course of transmitting a data packet.

CONSTITUTION: A receiving carrier detecting circuit 2 always detects a carrier, and reports whether the carrier exists or not to a communication control part 1. A continuous transmission processing part 7 of the control part 1 operated only when a continuous transmission mode is selected, and transmits a dummy packet as a continuous transmission control packet in the case a transmission interval of a data packet exceeds a prescribed time. Also, in the case a continuous transmission packet is received from other communication terminal, the processing part 7 aborts it. In such a way, a channel occupancy processing part 6 does not send out a channel occupancy request/response packet, and the next packet can be transmitted continuously.



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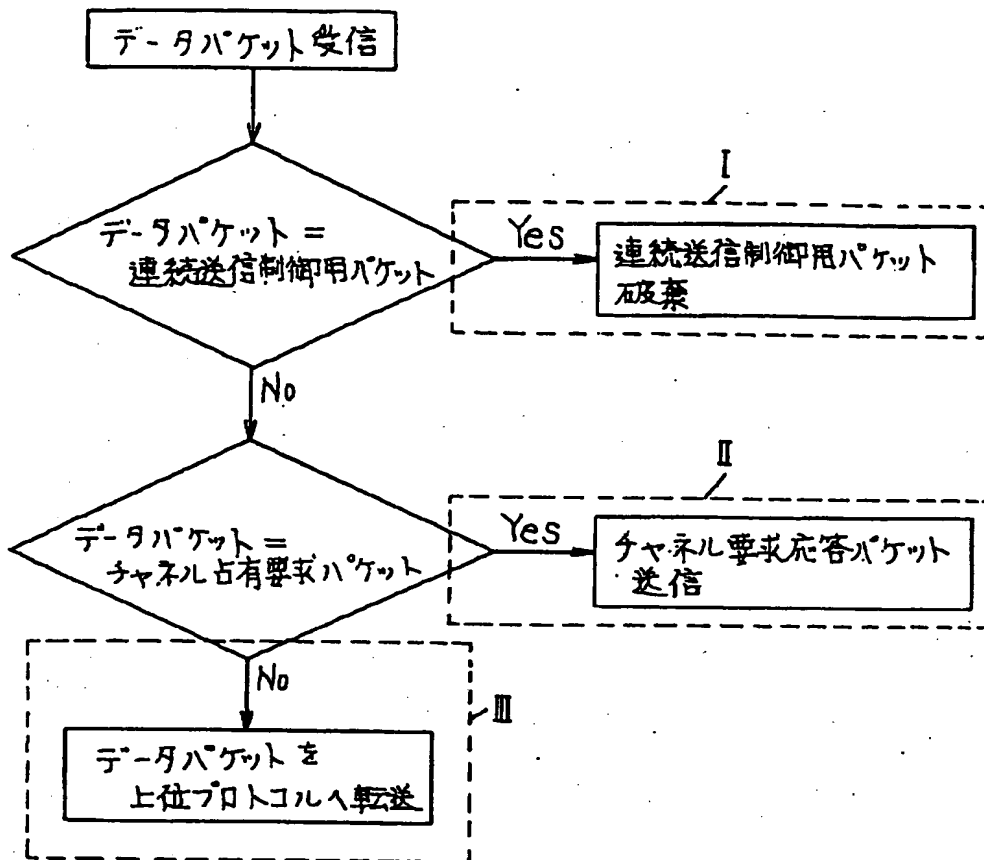
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【図 3】



【図 4】 Fig. 4

$n2$ is a smaller period
than a channel sensing period

